Index of Claims

| Application/Control No. |
|-------------------------|
|-------------------------|

10/047,302

**Examiner** 

David G. Cervetti

Applicant(s)/Patent under Reexamination

ELVANOGLU ET AL.

**Art Unit** 

2136

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cia      | im               | Date          |               |   |              |              |  |  | 1 1  | ČI.  | nine. | Date  |               |          |              |   |              |  | _   |  |  |   |
|----------|------------------|---------------|---------------|---|--------------|--------------|--|--|--|--|-------|-------|---------------|----------|--------------|---|--------------|--|---|--|--|---|
| Cla      | шт               | <del> -</del> |               | _ |              | uati         | <del>e</del> _                                   | _  | _  | Γ.   |       | Cla   | aim           | -        |              |   |              | Jati   | <del>!</del>  | Γ.   | _  | Т |
| Final    | Original         | 8/1/06        |               |   |              |              |  |  |  |  |       | Final | Original      | 8/1/06   |              |   |              |  |   |  |  |   |
|          | 1                | 1             |               |   |              |              |  |  |  |  |       |       | -51           |          |              |   |              |  |   |  |  | Γ |
|          | 2                | 1             | $oxed{oxed}$  |   | lacksquare   | _            | L_   | L  |  |  |       |       | -52           |          |              |   | <u>_</u>     | L.   | L.  | L_   | $oxed{oxed}$                                     | L |
|          | 3                | V             | L             |   | $oxed{oxed}$ | ╙            | L  | <u> </u>   | <u> </u>   | <u> </u>   |       |       | 53            | <u> </u> |              | _ |              | _  | ļ   |  | ┞  | L |
|          | 4                | 1             | _             |   | <u> </u>     | <u> </u>     | L  | L_   | L  | <u> </u>   |       |       | -54-          | <u> </u> | $oxed{oxed}$ |   | <u> </u>     | L  | _   | _  | ⊢  | Ļ |
| $\sqcup$ | 5                | 1             | <u> </u>      | _ | ļ            | <b> </b>     | <u> </u>   | <u> </u>   | <u> </u>   |  |       |       | 55            | 1        |              | _ | _            | L  | <u> </u>  | ┡  | ⊢  | ╀ |
|          | 6                | 1             | _             | _ | -            | ├            |  | <u> </u>   | <u> </u>   | ├  |       |       | 56            | 1        | _            | _ | <u> </u>     | <u> </u>   | <u> </u>  | <u> </u>   | ⊢  | ╀ |
|          | 7                | 1             | -             |   | H            | <u> </u>     | -  | -  | <u> </u>   | H  |       |       | 57<br>-58     | ľ        | -            | _ | $\vdash$     | -  | -   | -  | ├  | ╀ |
| -        | 9                | 1             |               | _ | $\vdash$     | ├            | -  | ⊢  |  | -  |       |       | <del>50</del> | _        | <u> </u>     | _ |              | ├-   | ⊢   | $\vdash$   | ├  | ┝ |
| $\vdash$ | 10               | 1             | ⊢             | _ | ⊢            | ⊢            | ┝  | ├  | ├  |  |       |       | 60            | 1        | $\vdash$     | _ | ├            | ├-   | ⊢   | ⊢  | ├─   | ╁ |
| H        | 11               | 7             | $\vdash$      |   | -            | ┢            | -  | -  | $\vdash$   | -  |       |       | 61            | 1        |              |   | $\vdash$     | $\vdash$   | ┝   | $\vdash$   | ⊢  | H |
| -        | 12               | 1             | H             |   | Н            |              | -  |  | -  | <del>                                     </del> | 1     |       | 62            | 1        | -            | _ | $\vdash$     | -  | -   | $\vdash$   | ╁  | ╁ |
| $\vdash$ | 13               | 1             | $\vdash$      |   | $\vdash$     | ╁            | $\vdash$   | $\vdash$   | $\vdash$   | -  | 1 1   |       | 63            | Ì        | _            | - |              | $\vdash$   | ┢   | ┨  | ╫  | t |
| $\vdash$ | 14               | Ť             | $\vdash$      |   | $\vdash$     | t            |  | $\vdash$   |  | $\vdash$   | 1     |       | 64            | H        | $\vdash$     |   | $\vdash$     | $\vdash$   | ┢   | ┢  | <del>                                     </del> | ┢ |
|          | 15               | Ť             | $\vdash$      | _ | _            | ┢            | -  | $\vdash$   | $\vdash$   | ┢  | 1 1   |       | 65            | H        | Н            |   | $\vdash$     | $\vdash$   | $\vdash$  | ┢  | ┢  | t |
|          | 16               | 1             | $\vdash$      |   | $\vdash$     | H            | T  | $\vdash$   | t  | H  |       |       | 66            | $\vdash$ |              | _ |              | $\vdash$   | -   | <del>                                     </del> | _  | t |
|          | 17               | 1             |               |   |              | T            | Т  |  | -  |  | 1     |       | 67            |          |              |   |              |  |   |  | H  | T |
|          | 18               | 7             |               |   |              | Г            | Т  |  |  |  |       |       | 68            |          |              |   |              | Г  | Г   |  | Г  | Г |
|          | <del>, 19</del>  |               |               |   |              | Г            |  |  |  |  | 1 1   |       | 69            | $\vdash$ |              | _ | $\vdash$     | Τ  |   | $\vdash$   | Г  | T |
|          | <del>-20</del>   |               |               |   |              | Г            |  |  |  |  |       |       | 70            |          |              |   |              |  |   | Г  | Г  | Γ |
|          | 4                |               |               |   |              | Г            |  |  |  |  |       |       | 71            |          |              |   |              |  |   |  |  |   |
|          | -22              |               |               |   |              |              |  |  |  |  | ] (   |       | 72            |          |              |   |              |  |   |  |  |   |
|          | -23              |               |               |   |              |              |  |  |  |  |       |       | 73            |          |              |   |              |  |   |  |  | L |
|          | 24-              | ı             |               |   |              | oxdot        |  |  |  |  |       |       | 74            |          |              |   |              | <u></u>  |   | L  | 匚  | Ĺ |
|          | 25               | Ŀ,            |               |   | _            | <u> </u>     |  | _  | _  | <u> </u>   |       |       | 75            | L        |              | _ |              | _  | _   | _  | L  | L |
|          | 26               | 1             | $\Box$        | _ | L            | L            | L  |  | <u> </u>   | _  |       |       | 76            | <u> </u> |              |   | <u> </u>     | _  | $ldsymbol{le}}}}}}$ | _  | oxdot  | L |
|          | 27               | 1             | L.            |   |              | L.           | _  | <u> </u>   | L  | <u> </u>   |       |       | 77            | L        |              |   | <u> </u>     | _  | _   | _  | L  | L |
| <u> </u> | 28               | 1             |               | _ | <u> </u>     | _            | _  | <u> </u>   | <u> </u>   | <u> </u>   |       |       | 78            | <u> </u> | _            | _ | <u> </u>     | <u> </u>   | <u> </u>  | <u> </u>   | ⊢  | ╀ |
|          | 29               | 1             | _             | _ | <u> </u>     | <b>├</b>     | <u> </u>   | <b> </b> _                                       | <u> </u>   | <u> </u>   |       |       | 79            | <u> </u> |              | _ |              | _  | <u> </u>  | <u> </u>   | ├-   | ╄ |
| $\vdash$ | 30               | 1             | <u> </u>      | - | <u> </u>     | ⊢            | <u> </u>   | <u> </u>   | ├  | <u> </u>   |       |       | 80            |          |              | _ |              | <u> </u>   | <u> </u>  | <u> </u>   | <u> </u>   | ╀ |
|          | 31-              | 7             | -             | _ | _            | -            |  | ├  | ┝  | -  |       |       | 81            | -        | _            | _ | ├            | -  | ├-  | ├-   | ⊢  | ┝ |
| -        | 32<br>33         | 1             | $\vdash$      | _ | _            | -            | -  | ├  | ├  |  |       |       | 82<br>83      | -        |              | _ |              | -  | -   | ⊢  | ├  | ⊦ |
|          | 34               | 1             | ⊢             |   | $\vdash$     | -            | -  |  | <del> </del>                                     | ┝  |       |       | 84            | ├        | -            | - | <del> </del> | -  | -   | -  | ⊢  | ╁ |
| $\vdash$ | 35               | 1             | ⊢             |   | -            | -            | -  | -  | ├  | -  |       |       | 85            | ⊢        | _            |   | ├            | ├  | ┝   | H  | ├  | ╁ |
| -        | 36               | 1             | -             | - | -            | -            | H  | ┢  | -  |  | 1     |       | 86            | -        | _            |   | $\vdash$     | $\vdash$   | -   | ┝  | ⊢  | ╁ |
| -        | 37               | 1             |               |   | -            | ┢            | <del>                                     </del> | -  | <del>                                     </del> | -  | 1 1   |       | 87            |          | $\vdash$     | _ | $\vdash$     | $\vdash$   | -   | $\vdash$   | -  | H |
| $\vdash$ | 38               | 1             | $\vdash$      | - | $\vdash$     | <del> </del> | $\vdash$   | ┢  | $\vdash$   | $\vdash$   |       |       | 88            | -        | -            | _ | $\vdash$     | $\vdash$   | $\vdash$  | -  | $\vdash$   | t |
| $\vdash$ | 39               | 1             |               |   | $\vdash$     | -            | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> |       |       | 89            | -        | _            |   | <u> </u>     | $\vdash$   | -   | -  | $\vdash$   | t |
| $\vdash$ | 40               | V             | $\vdash$      |   | $\vdash$     | $\vdash$     | $\vdash$   | -  | $\vdash$   | $\vdash$   |       |       | 90            |          |              |   | $\vdash$     | $\vdash$   | $\vdash$  |  | $\vdash$   | T |
| $\Box$   | 41               | 1             |               |   | $\vdash$     |              |  | Г  | Т  | Т  |       |       | 91            |          |              |   | $\vdash$     |  | $\vdash$  |  | $\vdash$   | T |
| $\vdash$ | 42               | 1             | $\overline{}$ | _ | Г            | Т            | Т  | Г  | T  | Г  |       |       | 92            |          |              |   | Г            | <del>                                     </del> |   | Γ  |  | T |
|          | 43               | 7             |               |   |              | Г            |  | Γ  | Г  | Г  |       |       | 93            |          |              |   | Г            |  | Г   |  |  | Γ |
|          | 44               | 1             |               |   |              | Г            | Г  | П  | Г  | Г  |       |       | 94            |          |              |   |              | Г  | Г   | Γ  |  | Г |
|          | 45               | 7             |               |   |              |              |  |  |  |  | ]     |       | 95            |          |              |   |              |  |   |  |  | Γ |
|          | 46               | 1             |               |   |              |              |  |  |  |  | ]     |       | 96            |          |              |   |              |  |   |  |  | Γ |
|          | 47               | 1             |               |   |              |              |  |  |  |  |       |       | 97            |          |              |   |              |  |   |  |  | Ĺ |
|          | 48               | 1             |               |   | Ĺ            |              |  |  |  |  |       |       | 98            |          |              |   |              |  |   | Ĺ  | 匚  | Ĺ |
|          | <b>\$</b>        |               |               |   |              |              |  |  | Ĺ  | L  | [     |       | 99            |          |              |   |              |  |   |  | L  | Ĺ |
|          | <del>(50</del> - |               |               |   | <u> </u>     | Ĺ            | L  |  |  |  | ] [   |       | 100           |          |              |   | L            |  | L   | L  |  | L |

| Cla      | aim      |           |          |          | [        | Date         | e            | _            |  |          |
|----------|----------|-----------|----------|----------|----------|--------------|--------------|--------------|--|----------|
|          |          |           |          |          |          |              |              |              |  |          |
| Final    | Original | 8/1/06    |          |          |          |              |              | :            |  |          |
|          | -51      |           | _        | $\vdash$ |          | _            |              | $\vdash$     |  | -        |
|          | -52      |           |          |          |          |              |              |              | $\vdash$   | $\vdash$ |
|          | 53       | ,         | $\vdash$ |          |          |              |              | _            | $\vdash$   |          |
|          | -54      | -         | _        |          |          | $\vdash$     | _            | -            |  | Т        |
| -        | 55       | 1         | $\vdash$ | $\vdash$ | -        |              | H            | H            | $\vdash$   | -        |
| $\vdash$ | 56       |           | $\vdash$ | $\vdash$ | _        | $\vdash$     |              |              | $\vdash$   | _        |
|          | 57       | 7         | $\vdash$ |          |          | _            | $\vdash$     |              | ┢  | -        |
| -        | -58      | H         | $\vdash$ | $\vdash$ | Н        | <u> </u>     |              |              | $\vdash$   | Н        |
| <b>—</b> | -59      |           |          | $\vdash$ | -        | -            |              |              | _  | -        |
|          | 60       | J         | $\vdash$ | $\vdash$ | -        | <del> </del> | $\vdash$     |              | _  | _        |
|          | 61       | 4         |          | $\vdash$ |          | $\vdash$     |              |              |  | _        |
|          | 62       | Ì         | -        | $\vdash$ |          | _            | _            | $\vdash$     | $\vdash$   | $\vdash$ |
|          | 62<br>63 | 7         |          | $\vdash$ | _        | $\vdash$     |              | $\vdash$     | <del>                                     </del> | _        |
|          | 64       |           | $\vdash$ |          |          | $\vdash$     |              |              |  |          |
|          | 65       |           | $\vdash$ |          |          | $\vdash$     |              |              |  |          |
|          | 66       | $\vdash$  | $\vdash$ | _        |          | $\vdash$     |              |              |  | _        |
|          | 67       | $\vdash$  |          | $\vdash$ |          | $\vdash$     |              |              | $\vdash$   |          |
|          | 68       |           |          |          | Г        | Г            |              |              | H  |          |
|          | 69       | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     |              | $\vdash$   | _        |
|          | 70       | $\vdash$  | $\vdash$ | $\vdash$ |          | $\vdash$     |              |              |  | -        |
|          | 71       | Г         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | _            | $\vdash$     | $\vdash$   | _        |
|          | 72       | Г         |          |          |          |              | _            | _            | ┢  | _        |
|          | 73       |           |          |          |          |              | П            |              | $\vdash$   |          |
|          | 73<br>74 |           |          |          |          | Г            |              |              |  |          |
|          | 75       |           |          |          |          | Г            | П            |              |  |          |
|          | 76<br>77 |           |          |          |          |              |              |              |  |          |
|          | 77       |           |          |          |          |              | П            |              |  |          |
|          | 78       |           |          |          |          |              |              |              |  |          |
|          | 79       |           |          |          |          |              |              |              |  |          |
|          | 80       |           |          |          |          |              |              |              |  |          |
|          | 81       |           |          |          |          |              |              |              |  |          |
|          | 82       |           |          |          |          |              |              |              |  |          |
|          | 83       |           |          |          |          |              |              |              |  |          |
|          | 84       |           |          | Ĺ        |          |              |              |              | L  |          |
|          | 85       |           |          |          |          |              |              |              |  |          |
|          | 86       |           |          |          | oxdot    |              |              |              |  |          |
|          | 87<br>88 |           |          |          |          |              |              |              |  |          |
|          | 88       |           |          |          |          | <u> </u>     | <u> </u>     |              | <u> </u>   |          |
| <u></u>  | 89       |           | _        | _        | Щ        | <u> </u>     | $oxed{oxed}$ | Ш            | <u> </u>   |          |
|          | 90       | Ш         | L        | <u>_</u> |          | <u> </u>     |              | <u> </u>     | <u> </u>   | L        |
| <u></u>  | 91       | $\square$ | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | Щ            | L  | _        |
| <u></u>  | 92       | Ш         | _        |          |          | <u> </u>     |              | L_           | <u> </u>   |          |
| <u></u>  | 93       |           |          | _        | _        | _            | <u> </u>     | _            |  | _        |
| <u></u>  | 94       |           | L        |          |          |              | lacksquare   |              |  | _        |
| $\vdash$ | 95       | <u> </u>  | L_       | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | $oxed{oxed}$ | <u> </u>   | _        |
| $\vdash$ | 96       | Ш         | Щ.       | <u> </u> | ldash    | <u> </u>     | _            |              | <u> </u>   | <u> </u> |
| <u> </u> | 97       | Щ         | <u> </u> | _        | _        | _            | _            | L_           | _  |          |
|          | 98       | <u> </u>  |          | <u> </u> | $\vdash$ | <u> </u>     | $\vdash$     |              | <u> </u>   | ļ.,      |
| <u> </u> | 99       | <u> </u>  |          | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$     | Ш            | <u> </u>   | L.       |
|          | 11111    |           |          |          |          |              |              |              |  |          |

| Cli      | aim  | Date   |          |  |          |                |   |   |              |        |  |  |
|----------|--|--|----------|--|----------|----------------|---|---|--------------|--------|--|--|
|          |  |  | Г        | Γ  | Г        | Г              |   |   | Г            |        |  |  |
| Final    | Original   |  |          |  |          |                |   |   |              |        |  |  |
|          | 101  |  |          |  |          |                |   |   |              |        |  |  |
|          | 102  |  |          |  |          |                |   |   |              |        |  |  |
|          | 102<br>103   |  |          |  |          |                |   |   | Г            |        |  |  |
|          | 104  |  |          |  |          |                |   |   |              |        |  |  |
|          | 104<br>105   |  |          |  |          |                |   |   |              |        |  |  |
|          | 106  |  |          |  |          |                |   |   |              |        |  |  |
|          | 107  |  |          |  |          |                |   |   |              |        |  |  |
|          | 108  |  |          |  |          |                |   |   |              |        |  |  |
|          | 109  |  |          |  |          |                |   | L   |              |        |  |  |
|          | 110  |  |          |  |          |                |   |   | L            |        |  |  |
|          | 110<br>111<br>112                                    |  |          |  |          |                |   | L   |              | $\Box$ |  |  |
|          | 112  |  |          | _  | L        | _              | <u> </u>  | L   | _            |        |  |  |
|          | 113<br>114<br>115                                    |  | L        |  | L        |                | <u> </u>  | L   |              | Ш      |  |  |
|          | 114  |  |          |  |          |                |   |   |              | Ш      |  |  |
|          | 115  |  |          | _  | _        |                | <u></u>   | <u></u>   | <u> </u>     | Ш      |  |  |
|          | 116  |  |          | _  | _        | <u> </u>       | <u> </u>  | <u> </u>  | <u> </u>     | Ш      |  |  |
|          | 117  |  | _        | _  | _        | <u> </u>       | <u> </u>  | <u> </u>  | <u> </u>     | Ш      |  |  |
|          | 118<br>119   | $oxed{oxed}$   | _        | _  |          |                |   | <u> </u>  | <u></u>      | Ш      |  |  |
|          | 119  |  |          |  |          | _              | L   |   | <u> </u>     |        |  |  |
|          | 120  |  |          | L  | _        |                | <u> </u>  |   |              |        |  |  |
|          | 121  | _  |          | _  | L        |                | L   | <u> </u>  |              |        |  |  |
|          | 122  |  | _        | _  |          |                | L   |   |              |        |  |  |
| L        | 123  | <u> </u>   |          | _  |          |                |   | L   |              |        |  |  |
|          | 124  | 匚  |          | 匚  |          | 匚              | 匚   |   |              |        |  |  |
|          | 125  | _  |          | _  | _        |                | L   |   | $\perp$      |        |  |  |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128 |  |          |  |          | <u> </u>       |   |   |              |        |  |  |
|          | 127  |  |          |  |          |                |   |   | <u>L</u>     |        |  |  |
| L        | 128  | _  |          |  | _        | <u> </u>       | L   | L   | <u>_</u>     |        |  |  |
|          | 129<br>130   | _  |          | <u> </u>   |          | _              | _   | _   | _            |        |  |  |
|          | 130  |  |          | $oxed{oxed}$                                     |          |                | L   | $ldsymbol{ld}}}}}}$ | _            |        |  |  |
|          | 131  | Щ  | _        | _  |          |                | $ldsymbol{le}}}}}}$ | _   | _            | Ц      |  |  |
|          | 132<br>133   | $ldsymbol{ldsymbol{eta}}$  |          | _  |          |                | $ldsymbol{le}}}}}}$ | _   | _            | Ш      |  |  |
|          | 133  | $ldsymbol{le}}}}}}}$ |          |  |          |                | _   | L   | <u> </u>     | Щ      |  |  |
|          | 134  | _  |          |  |          |                |   | _   | <u> </u>     | Ц      |  |  |
| <u> </u> | 135<br>136   |  | Щ.       | <u> </u>   |          | L_             | _   | L_  | L            | Ц      |  |  |
|          | 136  | _  | _        | L  | _        |                |   | _   | _            | Ш      |  |  |
| L        | 137<br>138   | _  |          |  | $\vdash$ | <u> </u>       | _   | <u> </u>  | _            | Ш      |  |  |
|          | 138  |  |          | _  | _        | _              | _   | <u> </u>  | L            | Ш      |  |  |
|          | 139  | <u> </u>   | _        |  |          | <u> </u>       | <u> </u>  | ┡   | <u> </u>     | Щ      |  |  |
|          | 140  | _  |          | <u> </u>   | L        | <u> </u>       | _   | <u> </u>  | <u> </u>     | Ы      |  |  |
| ļ        | 141  | $\vdash$   | <u> </u> | _  | <u> </u> |                | <u> </u>  | <b>—</b>  | <del> </del> | Ш      |  |  |
| <u> </u> | 142  | _  | $\vdash$ | -  | <u> </u> | <del> </del>   | <u> </u>  | ⊢   | ├-           | Н      |  |  |
|          | 143  | _  | $\vdash$ | <u> </u>   | -        | <del> </del>   |   | $\vdash$  | $\vdash$     | Щ      |  |  |
| $\vdash$ | 144  | <u> </u>   | <u> </u> | ⊢  | _        | ├              | <u> </u>  | ⊢   | $\vdash$     | Н      |  |  |
|          | 145  |  | $\vdash$ |  | <u> </u> | <u> </u>       | <u> </u>  | $\vdash$  | ├            | Щ      |  |  |
|          | 146  | -  | <u> </u> | -  | <u> </u> | <del>  -</del> | $\vdash$  |   | <u> </u>     | Н      |  |  |
|          | 147  | <u> </u>   | Щ.       | $\vdash$   | <u> </u> | <del> </del>   | ├-  | $\vdash$  | <u> </u>     | Щ      |  |  |
|          | 148  | -  | H        | -  | _        | ├—             | ⊢   | $\vdash$  | <u> </u>     | Щ      |  |  |
| ļ        | 149  | <u> </u>   |          | <del>                                     </del> | _        | ├-             | ⊢   | $\vdash$  | $\vdash$     | Щ.     |  |  |
| L        | 150  |  | L        |  |          | l              |   |   |              |        |  |  |